

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B66B5/00 B66B1/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 10, 31 August 1999 (1999-08-31) & JP 11 130355 A (HITACHI BUILDING SYSTEMS CO LTD), 18 May 1999 (1999-05-18) abstract	1,7
X	PATENT ABSTRACTS OF JAPAN vol. 0144, no. 28 (M-1025), 14 September 1990 (1990-09-14) & JP 2 169482 A (TOSHIBA CORP), 29 June 1990 (1990-06-29) abstract	1,7
A	US 5 727 657 A (FOELIX HEINRICH) 17 March 1998 (1998-03-17) column 5; figures 8,11	1-8

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

8 December 2004

Date of mailing of the international search report

03/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/096791 A (CONCHELLO MORENO JOSE ANGEL ; MAC PUAR S A (ES)) 5 December 2002 (2002-12-05) the whole document -----	1-8

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JP 2169482	A	29-06-1990	NONE	
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			CA 2166841 A1	01-08-1996
			DE 59606855 D1	13-06-2001
			DK 725033 T3	06-08-2001
			EP 0725033 A1	07-08-1996
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			FI 960410 A	01-08-1996
			JP 8245110 A	24-09-1996
			NO 960399 A	01-08-1996
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